

# **The Commonwealth of Massachusetts**

## **Return**

**of the**

**Municipal Light Department of**

**the Town of  
BRAINTREE**

**to the**

**Department of Public Utilities**

**of Massachusetts**

**For the Year ended December 31,**

**2007**

Name of officer to whom correspondence should  
be addressed regarding this report:

Official title: General Manager

Form AC-19

Office address: William Bottiggi  
150 Potter Road  
Braintree, MA 02184

## ACCOUNTANTS' COMPILATION REPORT

The Board of Commissioners  
Braintree Electric Light Department

We have compiled the balance sheet of Braintree Electric Light Department as of December 31, 2007 and the related statements of income and unappropriated retained earnings for the year then ended included in the accompanying prescribed form in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants.

Our compilation was limited to presenting in the form prescribed by the Massachusetts Department of Public Utilities information that is the representation of management. We have not audited or reviewed the financial statements referred to above and, accordingly, do not express an opinion or any other form of assurance on them.

These financial statements are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, which differ from generally accepted accounting principles. Accordingly, these financial statements are not designed for those who are not informed about such matters.

Goulet, Salvidio & Associates P.C.

*Goulet, Salvidio & Associates, P.C.*

Worcester, Massachusetts  
March 10, 2008

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## GENERAL INFORMATION

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- |     |   |  |
|-----|---|--|
| 1.  | Name of town (or city) making report.   | Braintree  |
| 2.  | If the town (or city) has acquired a plant,<br>Kind of plant, whether gas or electric.<br>Owner from whom purchased, if so acquired.<br>Date of votes to acquire a plant in accordance with the provisions of<br>chapter 164 of the General Laws.<br>Record of votes: First vote: Yes, 119; No, 3 Second vote: Yes, 146; No, 5<br>Date when town (or city) began to sell gas and electricity, | Electric<br><br><br><br><br><br>July 1893  |
| 3.  | Name and address of manager of municipal lighting:  | William Bottiggi<br>150 Potter Road<br>Braintree, MA 02184   |
| 4.  | Name and address of mayor or selectmen:   | Charles Ryan<br>Charles Kokoros<br>James Casey<br>Darren McAuliffe<br>Joseph Powers<br>Braintree, MA<br>Braintree, MA<br>Braintree, MA<br>Braintree, MA<br>Braintree, MA |
| 5.  | Name and address of town (or city) treasurer:   | Michael J. Joyce<br>1 JFK Memorial Drive<br>Braintree, MA 02184  |
| 6.  | Name and address of town (or city) clerk:   | Donna J. Fabiano<br>1 JFK Memorial Drive<br>Braintree, MA 02184  |
| 7.  | Names and addresses of members of municipal light board:  | James Regan<br>Anthony Agnitti<br>Thomas J. Reynolds<br>Braintree, MA<br>Braintree, MA<br>Braintree, MA  |
| 8.  | Total valuation of estates in town (or city) according to last State valuation<br>(taxable)   | \$5,605,124,805  |
| 9.  | Tax rate for all purposes during the year:  |  |
|     | Residential   | \$8.67   |
|     | Commercial/Industrial/Personal Property   | \$18.97  |
| 10. | Amount of manager's salary:   | \$146,016  |
| 11. | Amount of manager's bond:   | \$100,000  |
| 12. | Amount of salary paid to members of municipal light board (each):   | \$0  |

**FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57  
FOR GAS AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR, ENDING DECEMBER 31, NEXT.**

		Amount
<b>INCOME FROM PRIVATE CONSUMERS:</b>		
1	From sales of gas	
2	From sales of electricity	59,000,000
3		
4	<b>TOTAL</b>	59,000,000
<b>EXPENSES</b>		
6	For operation, maintenance and repairs	49,000,000
7	For interest on bonds, notes or scrip	
8	For depreciation fund ( 3 % 95,587,218 as per page 8B)	2,867,617
9	For sinking fund requirements	
10	For note payments	
11	For bond payments	
12	For loss in preceding year	
13	<b>TOTAL</b>	51,867,617
<b>COST:</b>		
16	Of gas to be used for municipal buildings	
17	Of gas to be used for street lights	
18	Of electricity to be used for municipal buildings	1,600,000
19	Of electricity to be used for street lights	300,000
20	Total of above items to be included in the tax levy	1,900,000
21		
22	New construction to be included in the tax levy	
23	Total amounts to be included in the tax levy	

**CUSTOMERS**

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
		Braintree	15,184
<b>TOTAL</b>	0	<b>TOTAL</b>	15,184

**APPROPRIATIONS SINCE BEGINNING OF YEAR**

(Include also all items charge direct to tax levy, even where no appropriation is made or required.)

**FOR CONSTRUCTION OR PURCHASE OF PLANT**

*At	meeting	, to be paid from **	
*At	meeting	, to be paid from **	
TOTAL			0

**FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY  
TO BE USED BY THE CITY OR TOWN FOR:**

1.	Street lights	300,000
2.	Municipal buildings	1,600,000
3.		
TOTAL		1,900,000

\* Date of meeting and whether regular or special

\*\* Here insert bonds, notes or tax levy

**CHANGES IN THE PROPERTY**

- Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property:

In gas property:

Not applicable

Bonds (Issued on Account of Gas or Electric Lighting.)						
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest	
			Amounts	When Payable	Rate	When Payable
March 1893	April 1893	16,500				
March 1924	July 1924	50,000				
June 1951	February 1952	1,400,000				
March 1958	May 1958	1,500,000				
March 1959	May 1959	2,500,000				
October 1973	August 1975	17,000,000				
October 1973	October 1976	5,000,000				
	TOTAL	27,466,500	0			TOTAL
						0

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

\* Date of meeting and whether regular or special

\*\* List original issues of bonds and notes including those that have been repaid

## Town Notes

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Rate	Interest When Payable	Amount Outstanding at End of Year
			Amounts	When Payable			
March 1892	May 1892	30,000					
October 1896	October 1896	3,000					
November 1899	November 1899	2,500					
January 1900	January 1900	26,000					
June 1900	June 1900	5,000					
May 2006	November 2006	8,500,000					
June 2007	June 2007	12,000,000					
November 2007	November 2007	65,500,000		11/14/08	3.75%	Annual	65,500,000
	TOTAL	86,066,500				TOTAL	65,500,000

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

\* Date of meeting and whether regular or special

\*\* List original issues of bonds and notes including those that have been repaid



**TOTAL COST OF PLANT - ELECTRIC**

1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c) or (d) as appropriate.		effect of such amounts.			
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT	0					0
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	631,438					631,438
8	311 Structures and Improvements	9,250,137	31,163	(1,669,617)			7,611,683
9	312 Boiler Plant Equipment	5,494,771	11,380	(1,165,718)	0		4,340,433
10	313 Engines and Engine Driven Generators	0					0
11	314 Turbogenerator Units	11,912,322	119,338	(142,837)	0		11,888,823
12	315 Accessory Electric Equipment	2,819,390		(3,507)			2,815,883
13	316 Miscellaneous Power Plant Equipment	685,502	27,156	(63,926)			648,732
15	Total Steam Production Plant	30,793,560	189,037	(3,045,604)	0	0	27,936,993
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						0
	Total Nuclear Production Plant	0	0	0	0	0	0

## TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights	140,971	191				141,162
12	341 Structures and Improvements		1,103				1,103
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers	467,677					467,677
15	344 Generators	1,633,362					1,633,362
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment	35,047					35,047
18	Total Other Production Plant	2,277,057	1294	0	0	0	2,278,351
19	Total Production Plant	33,070,617	190,331	(3,045,604)	0	0	30,215,344
20	3. Transmission Plant						
21	350 Land and Land Rights	258,361					258,361
22	351 Clearing Land and Rights of Way	107,653					107,653
23	352 Structures and Improvements	1,817,363					1,817,363
24	353 Station Equipment	7,715,966	376,061				8,092,027
25	354 Towers and Fixtures	377,092	167,749	(184,908)			359,933
26	355 Poles and Fixtures	212,981					212,981
27	356 Overhead Conductors and Devices	128,577					128,577
28	357 Underground Conduit	2,789,356					2,789,356
29	358 Underground Conductors and Devices	2,058,706	157,215				2,215,921
30	359 Roads and Trails	12,524					12,524
31	Total Transmission Plant	15,478,579	701,025	(184,908)	0	0	15,994,696

## TOTAL COST OF PLANT (Concluded)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	35,000					35,000
3	361 Structures and Improvements	394,479					394,479
4	362 Station Equipment	4,286,044	29,833				4,315,877
5	363 Storage Battery Equipment						
6	364 Poles Towers and Fixtures	1,782,000	346,503	(15,583)			2,112,920
7	365 Overhead Conductors and Devices	3,416,711	16,951	(12,689)			3,420,973
8	366 Underground Conduit	9,126,326					9,126,326
9	367 Underground Conductors and Devices	5,113,524	377,529	(84,378)			5,491,053
10	368 Line Transformers	5,376,556	403,418				5,695,596
11	369 Services	467,689	7,377				475,066
12	370 Meters	2,444,131	19,648	(3,061)			2,460,718
13	371 Installations on Customer's Premises	511,447	5,060	(1,270)			515,237
14	372 Leased Prop on Customer's Premises						
15	373 Streetlight and Signal Systems						
16	Total Distribution Plant	839,721	25,895	(6,527)			859,089
17	5. GENERAL PLANT	33,793,628	1,232,214	(123,508)	0	0	34,902,334
18	389 Land and Land Rights						
19	390 Structures and Improvements						
20	391 Office Furniture and Equipment	4,612,326	315,841				4,928,167
21	392 Transportation Equipment	1,584,544	147,528	(66,087)			1,665,985
22	393 Stores Equipment	5,458					5,458
23	394 Tools, Shop and Garage Equipment	87,036					87,036
24	395 Laboratory Equipment	26,132					26,132
25	396 Power Operated Equipment	12,700					12,700
26	397 Communication Equipment	7,435,256	87,391				7,522,647
27	398 Miscellaneous Equipment	213,712	13,007				226,719
28	399 Other Tangible Property						
29	Total General Plant	13,977,164	563,767	(66,087)	0	0	14,474,844
30	Total Electric Plant in Service	96,319,988	2,687,337	(3,420,107)	0	0	95,587,218
31							
33							
34							
Total Cost of Electric Plant.....							95,587,218
Less Cost of Land, Land Rights, Rights of Way.....							
Total Cost upon which Depreciation is based .....							95,587,218

The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.

**COMPARATIVE BALANCE SHEET Assets and Other Debits**

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>UTILITY PLANT</b>			
2	101	Utility Plant - Electric (P. 17)	46,413,561	57,957,264	11,543,703
3	101	Utility Plant - Gas (P. 20)			
4					
5		Total Utility Plant	46,413,561	57,957,264	11,543,703
6					
7					
8					
9					
10		<b>FUND ACCOUNTS</b>			
11	123	Investment in Affiliated Company	860,421	895,092	34,671
12	125	Construction Fund	0	50,471,233	50,471,233
13	126	Depreciation Fund (P. 14)	1,878,846	1,696,643	(182,203)
14	128	Other Special Funds	1,744,827	3,152,890	1,408,063
15		Total Funds	4,484,094	56,215,858	51,731,764
16		<b>CURRENT AND ACCRUED ASSETS</b>			
17	131	Cash (P. 14)	8,552,989	6,131,193	(2,421,796)
18	132	Special Deposits	126,285	121,359	(4,926)
19	135	Working Funds	2,000	2,000	0
20	141	Notes Receivable			
21	142	Customer Accounts Receivable	3,813,595	3,861,978	48,383
22	143	Other Accounts Receivable	322,270	410,396	88,126
23	146	Receivables from Municipality	245,447	634,380	388,933
24	151	Materials and Supplies (P. 14)	702,611	955,530	252,919
25					
26	165	Prepayments	83,063	153,402	70,339
27	174	Miscellaneous Current Assets	1,748,931	1,866,293	117,362
28		Total Current and Accrued Assets	15,597,191	14,136,531	(1,460,659)
29		<b>DEFERRED DEBITS</b>			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	781,096	1,018,375	237,279
33		Total Deferred Debits	781,096	1,018,375	237,279
34					
35		Total Assets and Other Debits	67,275,942	129,328,028	62,052,086

**COMPARATIVE BALANCE SHEET Liabilities and Other Credits**

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		<b>APPROPRIATIONS</b>			
2	201	Appropriations for Construction	0	0	0
3		<b>SURPLUS</b>			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment	27,533,000	27,533,000	0
6	207	Appropriations for Construction Repayments	46,169	46,169	0
7	208	Unappropriated Earned Surplus (P. 12)	24,341,159	27,600,214	3,259,055
8		Total Surplus	51,920,328	55,179,383	3,259,055
9		<b>LONG TERM DEBT</b>			
10	221	Bonds (P. 6)	0	0	0
11	224	Other Long Term Debt	207,810	103,905	(103,905)
12	227	Obligation under Capital Lease	78,458	16,424	(62,034)
13	231	Notes Payable (P. 7)	8,500,000	65,500,000	57,000,000
14		Total Bonds and Notes	8,786,268	65,620,329	56,834,061
15		<b>CURRENT AND ACCRUED LIABILITIES</b>			
16	232	Accounts Payable	4,861,304	4,813,386	(47,918)
17	234	Payables to Municipality	0	0	
18	235	Customers' Deposits	82,752	108,187	25,435
19	236	Taxes Accrued	0	0	0
20	237	Interest Accrued	56,667	307,030	250,363
21	242	Miscellaneous Current and Accrued Liabilities	140,758	340,852	200,094
22		Total Current and Accrued Liabilities	5,141,481	5,569,455	427,974
23		<b>DEFERRED CREDITS</b>			
24	251	Unamortized Premium on Debt	0	219,794	219,794
25	252	Customer Advances for Construction	0	0	0
26	253	Other Deferred Credits	437,367	395,573	(41,794)
27		Total Deferred Credits	437,367	615,367	178,000
28		<b>RESERVES</b>			
29	260	Reserves for Uncollectible Accounts	132,377	82,617	(49,760)
30	261	Property Insurance Reserve	0	0	0
31	262	Injuries and Damages Reserves	0	0	0
32	263	Pensions and Benefits Reserves	0	0	0
33	265	Miscellaneous Operating Reserves	858,121	2,260,877	1,402,756
34		Total Reserves	990,498	2,343,494	1,352,996
35		<b>CONTRIBUTIONS IN AID OF</b>			
36		<b>CONSTRUCTION</b>			
37	271	Contributions in Aid of Construction	0	0	0
38		Total Liabilities and Other Credits	67,275,942	129,328,028	62,052,086

State below if any earning of the municipal lighting plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used, and the amount thereof.

**STATEMENT OF INCOME FOR THE YEAR**

Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>OPERATING INCOME</b>		
2	400 Operating Revenues (P. 37 and 43)	56,633,626	2,554,347
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	47,206,437	3,024,366
5	402 Maintenance Expense	3,729,332	(3,777,950)
6	403 Depreciation Expense	2,861,856	130,827
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)		
10	Total Operating Expenses	53,797,624	(622,758)
11	Operating Income	2,836,002	3,177,105
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	2,836,002	3,177,105
15	<b>OTHER INCOME</b>		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	548,644	262,373
17	419 Interest Income	143,351	39,669
18	421 Miscellaneous Nonoperating Income (P. 21)	142,424	38,956
19	Total Other Income	834,419	340,998
20	Total Income	3,670,421	3,518,103
21	<b>MISCELLANEOUS INCOME DEDUCTIONS</b>		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0	0
25	Income Before Interest Charges	3,670,421	3,518,103
26	<b>INTEREST CHARGES</b>		
27	427 Interest on Bonds and Notes		
28	428 Amortization of Debt Discount and Expense		
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense	32,292	1,483
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	32,292	1,483
33	<b>NET INCOME</b>	3,638,129	3,516,620

**EARNED SURPLUS**

Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		24,341,159
35			
36			
37	433 Balance Transferred from Income		3,638,129
38	434 Miscellaneous Credits to Surplus (P. 21)		697,438
39	435 Miscellaneous Debits to Surplus (P. 21)		
40	436 Appropriations of Surplus (P. 21)	1,076,512	
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	27,600,214	
43			
44	<b>TOTALS</b>	28,676,726	28,676,726



UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c).		effect of such amounts.			
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).			
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						0
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	631,438					631,438
8	311 Structures and Improvements	3,393,468	31,163	277,504			3,147,127
9	312 Boiler Plant Equipment	8,062	11,380	164,843			(145,401)
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units	1,839,485	119,338	357,370			1,601,453
12	315 Accessory Electric Equipment	957,653	0	84,582			873,071
13	316 Miscellaneous Power Plant Equipment	135,410	27,156	20,565			142,001
15	Total Steam Production Plant	6,965,516	189,037	904,864	0	0	6,249,689
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	0	0	0	0	0	0



## UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements	48,590	191	4,229			44,552
13	342 Fuel Holders, Producers and Accessories		1,103				
14	343 Prime Movers		0	0			
15	344 Generators	1,138,713	0	63,031			1,075,682
16	345 Accessory Electric Equipment		0				
17	346 Miscellaneous Power Plant Equipment	11,347	0	1,051			10,296
18	Total Other Production Plant	1,198,650	1,294	68,312	0	0	1,131,632
19	Total Production Plant	8,164,166	190,331	973,175	0	0	7,381,322
20	3. Transmission Plant						
21	350 Land and Land Rights	258,361					258,361
22	351 Clearing Land and Rights of Way	18,504		3,230			15,274
23	352 Structures and Improvements	661,576		54,521			607,055
24	353 Station Equipment	4,356,673	376,061	231,479			4,501,255
25	354 Towers and Fixtures	77,995	167,749	11,313			234,431
26	355 Poles and Fixtures	0		0			(0)
27	356 Overhead Conductors and Devices	0		1,800			(1,800)
28	357 Underground Conduit	1,107,979		92,127			1,015,852
29	358 Underground Conductors and Devices	727,185	157,215	62,137			822,263
30	359 Roads and Trails	0		(0)			0
31	Total Transmission Plant	7,208,273	701,025	456,607	0	0	7,452,691

UTILITY PLANT -- ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	0	0	5,900			(5,900)
3	361 Structures and Improvements	2,568,018	29,833	134,515			2,463,336
4	362 Station Equipment	0					0
5	363 Storage Battery Equipment	418,550	346,503	53,460			711,593
6	364 Poles Towers and Fixtures	588,417	16,951	102,501			502,867
7	365 Overhead Conductors and Devices	4,993,637	0	273,790	0		4,719,847
8	366 Underground Conduit	1,729,805	377,529	153,406			1,953,928
9	367 Underground Conductors and Devices	2,807,668	403,418	161,297		0	3,049,789
10	368 Line Transformers	53,497	7,377	14,031			46,843
11	369 Services	1,195,059	19,648	73,324			1,141,383
12	370 Meters	247,865	5,060	15,343			237,582
13	371 Installations on Customer's Premises	0					0
14	372 Leased Prop on Customer's Premises	668,039	25,895	25,192			668,742
15	373 Streetlight and Signal Systems	15,270,555	1,232,214	1,012,759	0	0	15,490,010
16	Total Distribution Plant						
17	5. GENERAL PLANT						
18	389 Land and Land Rights						
19	390 Structures and Improvements						
20	391 Office Furniture and Equipment	3,200,141	315,841	138,370			3,377,612
21	392 Transportation Equipment	1,149,340	147,528	47,700			1,249,168
22	393 Stores Equipment	0		(0)			0
23	394 Tools, Shop and Garage Equipment	9,512		2,611			6,901
24	395 Laboratory Equipment	6,609	0	784			5,825
25	396 Power Operated Equipment	9,540		381			9,159
26	397 Communication Equipment	5,520,877	87,391	223,058			5,385,210
27	398 Miscellaneous Equipment	150,893	13,007	6,411			157,489
28	399 Other Tangible Property						
29	Total General Plant	10,046,912	563,767	419,315	0	0	10,191,364
30	Total Electric Plant in Service	40,689,906	2,687,337	2,861,856	0	0	40,515,387
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	5,723,656	11,718,221				17,441,877
34	Total Utility Plant Electric	46,413,562	14,405,558	2,861,856	0	0	57,957,264

# **PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)**

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil		
			Quantity (c)	Cost (d)	Quantity (e)
1	On Hand Beginning of Year				
2	Received During Year				
3	TOTAL	0			
4	Used During Year (Note A)				
5					
6					
7					
8					
9					
10					
11	Sold or Transferred				
12	TOTAL DISPOSED OF	0			
13	BALANCE END OF YEAR	0			

Line No.	Item (g)	Kinds of Fuel and Oil - continued		
		Quantity (h)	Cost (i)	Quantity (j)
14	On Hand Beginning of Year			
15	Received During Year			
16	TOTAL			
17	Used During Year (Note A)			
18				
19				
20				
21				
22				
23				
24	Sold or Transferred			
25	TOTAL DISPOSED OF			
26	BALANCE END OF YEAR			

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

Next page is 21

**MISCELLANEOUS NONOPERATING INCOME (Account 421)****Page 21**

Line No.	Item (a)	Amount (b)
1	ENE Income	142,424
2		
3		
4		
5		
6	<b>TOTAL</b>	<b>142,424</b>

**OTHER INCOME DEDUCTIONS (Account 426)**

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	<b>TOTAL</b>	<b>0</b>

**MISCELLANEOUS CREDITS TO SURPLUS (Account 434)**

Line No.	Item (a)	Amount (b)
15	SEMA Settlement	697,438
16		
17		
18		
19		
20		
21		
22		
23	<b>TOTAL</b>	<b>697,438</b>

**MISCELLANEOUS DEBITS TO SURPLUS (Account 435)**

Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	<b>TOTAL</b>	<b>0</b>

**APPROPRIATIONS OF SURPLUS (Account 436)**

Line No.	Item (a)	Amount (b)
33	In lieu of tax payments to town	1,076,512
34		
35		
36		
37		
38		
39		
40	<b>TOTAL</b>	<b>1,076,512</b>

**MUNICIPAL REVENUES (Account 482,444)**  
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)
1					
2					
3					
4		<b>TOTALS</b>			
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)
5	444-2	Municipal: (Other than Street Lighting)	10,716,572	1,591,481	0.1485
6					
7					
8		<b>TOTALS</b>	10,716,572	1,591,481	0.1485
9	444-1	Street Lighting	3,421,310	478,012	0.1397
10					
11					
12		<b>TOTALS</b>	3,421,310	478,012	0.1397
13		<b>TOTALS</b>	14,137,882	2,069,493	0.1464

**PURCHASED POWER (Account 555)**

Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20	MMWEC NYPA	Grove Street	10,986,410	343,117	0.0312
21	MMWEC Seabrook	Substation	66,021,230	5,631,635	0.0853
22	Energy New England	Braintree, MA	167,574,167	12,404,900	0.0740
23	Taunton Municipal Light	115KV	2,321,646	1,119,493	0.4822
24	ISO New England Interchange		137,094,895	18,212,052	0.1328
25	Hydro Quebec			16,357	
26	PTF Credits			(2,531,690)	
27	Rate Stabilization			1,334,525	
28	National Grid			168,972	
29	June Valuation Surplus			(181,355)	
30	Miscellaneous			(1,479)	
31					
32					
33					
34		<b>TOTALS</b>	383,998,348	36,516,527	0.0951

**SALES FOR RESALE (Account 447)**

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
32	Hingham Municipal Light	Grove Street	350,711	168,289	0.4799
33	North Attleboro Electric Dept.	Substation	794,560	381,266	0.4798
34		Braintree, MA			
35		115KV			
36					
37					
38					
39		<b>TOTALS</b>	1,145,271	549,555	0.4798

**ELECTRIC OPERATING REVENUES (Account 400)**

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification

		Operating Revenues			Kilowatt-hours Sold			Average Number of Customers per Month	
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)		
1	SALES OF ELECTRICITY								
2	440 Residential Sales	15,413,703	910,760	112,846,350	1,904,856	12,737	117		
3	442 Commercial and Industrial Sales								
4	Small Commercial B Sales	33,521,774	1,033,043	225,270,695	(1,789,770)	2,331	9		
5	Large Commercial C Sales	4,232,205	284,601	31,017,032	814,016	8	0		
6	444 Municipal Sales	1,591,481	106,891	10,716,572	319,027	108	0		
7	445 Street Lighting	478,012	(5,261)	3,421,310	14,129				
8	446 Sales to Railroads and Railways								
9	448 Interdepartmental Sales	96,640	(1,465)	863,867	7,638	206	2		
10	449 Miscellaneous Sales								
11	Total Sales to Ultimate Consumers	55,333,815	2,328,569	384,135,826	1,269,896	15,390	128		
12	447 Sales for Resale	549,555	53,999	1,145,281	118,367	2	0		
13	Total Sales of Electricity*	55,883,370	2,382,568	385,281,107	1,388,263	15,392	128		
14	OTHER OPERATING REVENUES								
15	450 Forfeited Discounts	0	0						
16	451 Miscellaneous Service Revenues	0	0						
17	453 Sales of Water and Water Power	0	0						
18	454 Rent from Electric Property	463,797	5,585						
19	455 Interdepartmental Rents								
20	456 Other Electric Revenues	169,097	60,536						
21									
22	ISP Revenues								
23	Miscellaneous Adjustments to Sales	117,362	105,658						
24									
25	Total Other Operating Revenues	750,256	171,779						
26	Total Electric Operating Revenue	56,633,626	2,554,347						
		</							

## SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

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Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440	A1 Residential & Water Heating	99,890,528	13,690,204	0.1371	11,483	11,573
3		A1C Controlled Water Heating	12,955,822	1,723,499	0.1330	1,216	1,164
6	442	G1 Small General Service	77,434,977	11,835,750	0.1528	2,236	2,159
7		G2 Large General Service	123,051,487	18,154,876	0.1475	140	137
8		H1 Commercial Heating and Cooling	24,784,231	3,531,148	0.1425	23	24
9		P1 Industrial	31,017,032	4,232,205	0.1364	8	8
10	444	MG1 Municipal	3,492,628	528,266	0.1513	100	100
11		MG2 Municipal	5,516,784	820,302	0.1487	6	6
12		MH1 Municipal	1,707,160	242,913	0.1423	2	2
14		Street Lighting	3,421,310	478,012	0.1397	1	1
15		L1 Area Lighting	863,867	96,640	0.1119	204	206
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			384,135,826	55,333,815	0.1440	15,419	15,380

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

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1. Enter in the space provided the operation and maintenance expenses for the year

2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>POWER PRODUCTION EXPENSES</b>		
2	<b>STEAM POWER GENERATION</b>		
3	Operation:		
4	500 Operation supervision and engineering	215,303	21,737
5	501 Fuel	1,735,269	644,653
6	502 Steam Expenses	949,340	81,047
7	503 Steam from other sources	0	0
8	504 Steam transferred -- Cr.	0	0
9	505 Electric expenses	0	0
10	506 Miscellaneous steam power expenses	0	0
11	507 Rents	0	0
12	Total Operation	2,899,912	747,437
13	Maintenance:		
14	510 Maintenance supervision and engineering	32,794	(24,649)
15	511 Maintenance of Structures	500,507	77,782
16	512 Maintenance of boiler plant	404,778	(209,332)
17	513 Maintenance of electric plant	146,068	(3,730,444)
18	514 Maintenance of miscellaneous steam plant	71,859	(29,604)
19	Total Maintenance	1,156,006	(3,916,247)
20	Total power production expenses -steam power	4,055,918	(3,168,810)
21	<b>NUCLEAR POWER GENERATION</b>		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	<b>HYDRAULIC POWER GENERATION</b>		
42	Operation:		
43	535 Operation supervision and engineering	0	0
44	536 Water for power	0	0
45	537 Hydraulic expenses	0	0
46	538 Electric expenses	0	0
47	539 Miscellaneous hydraulic power generation expenses	0	0
48	540 Rents	0	0
49	Total Operation	0	0



**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>HYDRAULIC POWER GENERATION - Continued</b>		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance of reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	<b>OTHER POWER GENERATION</b>		
11	Operation:		
12	546 Operation supervision and engineering	0	0
13	547 Fuel	10,664	4,961
14	548 Generation Expenses	0	0
15	549 Miscellaneous other power generation expense	0	(1,176)
16	550 Rents	0	0
17	Total Operation	10,664	3,785
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	30,525	30,525
21	553 Maintenance of generating and electric plant	26,667	26,667
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	57,192	57,192
24	Total power production expenses - other power	67,856	60,977
25	<b>OTHER POWER SUPPLY EXPENSES</b>		
26	555 Purchased power	36,516,527	2,257,031
27	556 System control and load dispatching	0	0
28	557 Other expenses	206,943	(17,075)
29	Total other power supply expenses	36,723,470	2,239,956
30	Total power production expenses	40,847,244	(867,878)
31	<b>TRANSMISSION EXPENSES</b>		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	(237)
35	562 Station expenses	1,505	(1,278)
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	(3,453)
38	565 Transmission of electricity by others	0	0
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	1,877	227
41	Total Operation	3,382	(4,741)
42	Maintenance:		
43	568 Maintenance supervision and engineering	18,616	176
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	124,412	42,263
46	571 Maintenance of overhead lines	12,135	12,135
47	572 Maintenance of underground lines	154	24
48	573 Maintenance of miscellaneous transmission plant	7,051	1,675
49	Total maintenance	162,368	56,273
50	Total transmission expenses	165,750	51,532

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>DISTRIBUTION EXPENSES</b>		
2	Operation:		
3	580 Operation supervision and engineering	304,784	27,954
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	1,865	1,742
6	583 Overhead line expenses	935	(2,916)
7	584 Underground line expenses	(1,205)	(2,032)
8	585 Street lighting and signal system expenses	108,804	3,860
9	586 Meter expenses	32,853	20,803
10	587 Customer installations expenses	18,372	17,778
11	588 Miscellaneous distribution expenses	223,910	(175,726)
12	589 Rents	0	0
13	Total operation	690,318	(108,537)
14	Maintenance:		
15	590 Maintenance supervision and engineering	62,786	(37,830)
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	61,119	(19,389)
18	593 Maintenance of overhead lines	1,218,697	499,144
19	594 Maintenance of underground lines	125,301	(30,476)
20	595 Maintenance of line transformers	(4,528)	(10,803)
21	596 Maintenance of street lighting and signal systems	144,077	(26,753)
22	597 Maintenance of meters	201,744	(27,643)
23	598 Maintenance of miscellaneous distribution plant	136,608	(188,123)
24	Total maintenance	1,945,804	158,127
25	Total distribution expenses	2,636,122	49,590
26	<b>CUSTOMER ACCOUNTS EXPENSES</b>		
27	Operation:		
28	901 Supervision	139,522	5,281
29	902 Meter reading expenses	145,323	(1,667)
30	903 Customer records and collection expenses	531,567	40,043
31	904 Uncollectible accounts	76,682	(19,151)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	893,094	24,506
34	<b>SALES EXPENSES</b>		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	430,142	14,059
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	430,142	14,059
41	<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>		
42	Operation:		
43	920 Administrative and general salaries	347,266	(61,125)
44	921 Office supplies and expenses	41,796	14,641
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	297,529	(88,305)
47	924 Property insurance	485,021	(105,622)
48	925 Injuries and damages	9,467	(1,613)
49	926 Employee pensions and benefits	3,605,355	213,094
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	397,702	28,741
53	931 Rents	0	0
54	Total operation	5,184,136	(189)

**ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued**

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	<b>ADMINISTRATIVE AND GENERAL EXPENSES - Cont.</b>		
2	Maintenance:		
3	932 Maintenance of general plant	627,522	(19,830)
4	933 Transportation expense	151,759	(5,375)
5	Total administrative and general expenses	5,963,417	(25,394)
6	Total Electric Operation and Maintenance Expenses	50,935,769	(753,584)

**SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES**

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
7	<b>Power Production Expenses</b>			
8	Electric Generation:			
9	Steam Power:	2,899,912	1,156,006	4,055,918
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power	67,856		67,856
13	Other Power Supply Expenses	36,723,470		36,723,470
14	Total power production expenses	39,691,238	1,156,006	40,847,244
15	Transmission Expenses	165,750		165,750
16	Distribution Expenses	690,318	1,945,804	2,636,122
17	Customer Accounts Expenses	893,094		893,094
18	Sales Expenses	430,142		430,142
19	Administrative and General Expenses	5,335,895	627,522	5,963,417
20	Total Electric Operation and			
21	Maintenance Expenses	47,206,437	3,729,332	50,935,769

22 Ratio of operating expenses to operating revenues 94.99%  
(carry out decimal two places, (e.g.. 0.00%))

Compute by dividing Revenues (Acct 400) into the sum of Operation and Maintenance Expenses (Page 42, line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)

23 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. \$8,774,150

24 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 68

## TAXES CHARGED DURING THE YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.

4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.

6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1									
2									
3									
4									
5									
6									
7									
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11									
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13									
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16									
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21									
22									
23									
24									
25									
26									
27									
28	TOTALS								

**OTHER UTILITY OPERATING INCOME (Account 414)****Page 50**

Report below the particulars called for in each column

Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
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11					
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48					
49					
50					
51	TOTALS				

INCOME FROM MERCHANDISE, JOBBING, AND CONTRACT WORK (Account 415)					
Report by utility departments the revenue, costs, expenses, and net income from merchandising, jobbing, and contract work during the year.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work	548,644			548,644
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	548,644	0	0	548,644
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs				
17	Materials				
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	0	0	0
51	Net Profit (or loss)	548,644	0	0	548,644

## SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities.

For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,

and place an "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2	Hingham Municipal Light	FP		Grove St, Braintree	RS	2 kW		2 kW
3	North Attleboro Electric Dept.	FP		Grove St, Braintree	RS	5 kW		5 kW
4								
5								
6								
7								
8								
9								
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41								
42								

## SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes

integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amounts entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of Demand Reading (f)	Voltage at Which Delivered (g)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
**Intentionally** **Omitted**								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
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								37
								38
								39
								40
								41
TOTALS:		0	0.00	0.00		0.00		42



**PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)**

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg. mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2	MMWEC Seabrook	FP	X	Grove St., Braintree	RS	7 kW		7 kW
3	MMWEC NYPA	FP	X	Grove St., Braintree	RS	3 kW		3 kW
4	Energy New England, L.L.C.	EX		Grove St., Braintree	RS			
5	Taunton Municipal Light	FP		Grove St., Braintree	RS	10 kW		10 kW
6	ISO New England Interchange	EX		Grove St., Braintree	RS			
7	Hydro Quebec (through ISO-NE)	FP	X	Grove St., Braintree	RS	6 kW		6 kW
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41	** Includes transmission and administrative charges and decommissioning							
42								

**PURCHASED POWER (Account 555)  
(EXCEPT INTERCHANGE POWER)**

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (l)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)		
	**Intentionally** **Omitted**							1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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								37
								38
								39
								40
								41
TOTALS:		0	-	-	-	-		42

## INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.
2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).
3. Particulars of settlements for interchange power

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling,

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

## A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours			Amount of Settlement (i)
					Received (a)	Delivered (f)	Net Difference (g)	
1								0
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
TOTALS					0	0	0	-

## B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13			-
14			-
15			-
16			-
17			-
18			-
19			-
20			-
21			-
TOTAL			-

**GENERATING STATION STATISTICS (Large Stations) -- Continued**  
(Except Nuclear, See Instruction 10)

547 as shown on Line 24

operations with a conventional steam unit, the gas turbine should be included with the steam station.

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

10. If the respondent operates a nuclear power generating station submit (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
<b>POTTER II</b>						
Gas Turbine C.C.						1
Oil Production						2
Conventional						3
1977						4
1977						5
						6
97,500						7
79,500						8
570						9
						10
97,500						11
79,500						12
27						13
10,674,280						14
						15
\$20,271						16
\$3,762,859						17
						18
\$18,429,374						19
						20
						21
						22
						23
						24
871,301.80						25
						26
						27
						28
						29
						30
						31
\$871,301.80						32
						33
0.1408						34
Gas						35
M Cu. Ft.						36
						37
108,144						38
						39
1,040.00						40
8.21						41
8.21						42
187.93						43
0.08163						44
						45
						46

**ELECTRIC ENERGY ACCOUNT**

Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.

Line No.	Item (a)	Kilowatt-hours (b)
1	<b>SOURCES OF ENERGY</b>	
2	Generation	
3	Steam Gas Turbine Combined Cycle	14,824,554
4	Nuclear	
5	Hydro	
6	Other Diesel, Fuel Cell	57,720
7	Total Generation	14,882,274
8	Purchases	246,903,453
9	( In (gross)	137,094,895
10	Interchanges < Out (gross)	0
11	( Net (Kwh)	137,094,895
12	( Received	0
13	Transmission for/by others (wheeling) < Delivered	0
14	( Net (Kwh)	0
15	<b>TOTAL</b>	<b>398,880,622</b>
16	<b>DISPOSITION OF ENERGY</b>	
17	Sales to ultimate consumers (including interdepartmental sales)	384,135,826
18	Sales for resale	1,145,281
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	
21	Electric department only	4,749,175
22	Energy losses	
23	Transmission and conversion losses	0
24	Distribution losses 0.00%	
25	Unaccounted for losses	
26	Total energy losses	8,850,340
27	Energy losses as percent of total on line 2.22%	
28	<b>TOTAL</b>	<b>398,880,622</b>

**MONTHLY PEAKS AND OUTPUT**

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation

as to the nature of the emergency.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.

5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

**Town of BRAINTREE**

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	68,210	Fri	26	6:00pm	60 min	35,208,530
30	February	69,430	Mon	5	7:00pm	"	33,271,942
31	March	68,420	Tue	6	7:00pm	"	33,481,560
32	April	56,520	Wed	4	8:00pm	"	29,607,490
33	May	68,540	Fri	25	3:00pm	"	30,934,910
34	June	87,870	Wed	27	2:00pm	"	33,090,130
35	July	79,750	Fri	27	2:00pm	"	37,175,860
36	August	86,800	Fri	3	3:00pm	"	38,055,930
37	September	74,360	Fri	7	4:00pm	"	31,387,850
38	October	63,250	Fri	5	3:00pm	"	30,691,850
39	November	59,490	Mon	19	6:00pm	"	30,543,930
40	December	66,810	Mon	17	7:00pm	"	35,430,640
41						<b>TOTAL</b>	<b>398,880,622</b>

**GENERATING STATION STATISTICS (Large Stations)  
(Except Nuclear, See Instruction 10)**

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Kw\* or more of installed capacity and other stations of 500 Kw\* or more of installed capacity (name plate ratings). (\*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes

3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.

6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.

7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501 and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
		POTTER I	DIESELS	POTTER II
1	Kind of plant (steam, hydro, int. com., gas turbine)	Steam	I.C.	Gas Turbine C.C.
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	Conventional	Conventional	Oil Production Conventional
3	Year originally constructed	1959	1977	1977
4	Year last unit was installed	1959	1977	1977
5	Total installed capacity (maximum generator name plate ratings in kw)	12,500	2,500	97,500
6	Net peak demand on plant-kilowatts (60 min.)	12,500	2,500	79,500
7	Plant hours connected to load		115	570
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water	12,500	2,500	97,500
10	(b) When limited by condenser water	12,500	2,500	79,500
11	Average number of employees	0	0	27
12	Net generation, exclusive of station use	0	57,720	5,353,512
13	Cost of plant (omit cents):			
14	Land and land rights	\$544,918		\$20,271
15	Structures and improvements	\$1,207,012	\$97,709	\$3,762,859
16	Reservoirs, dams, and waterways			
17	Equipment costs	\$1,369,263	\$657,373	\$18,429,374
18	Roads, railroads, and bridges			
19	Total cost	\$3,121,193	\$755,082	\$22,212,504
20	Cost per kw of installed capacity	\$250	\$302	\$228
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel		\$11,336	\$806,753
25	Supplies and expenses, including water			
26	Maintenance	\$0	\$30,525	
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	Total production expenses	0	41,861	806,753
31	Expenses per net Kwh (5 places)	0.0000	0.7252	0.1507
32	Fuel: Kind		Oil	Oil
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	Station was	bbls.	bbls.
34	Quantity (units) of fuel consumed	Demilished and		
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	Removed in 2007	110	9,210
36	Average cost of fuel per unit, del. f.o.b. plant		139,389	140,000
37	Average cost of fuel per unit consumed		103.06	87.60
38	Average cost of fuel consumed per million B.t.u.		103.06	87.60
39	Average cost of fuel consumed per kwh net gen.		17.60	14.90
40	Average B.t.u. per kwh net generation		0.19640	0.15070
41				
42				
43				
44				
45				
46				

## STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1	Potter I	Demolished in 2007 Potter Road Potter Road	1/1959	Oil/Auto	1,250	950	130,000
2	Potter II		1/1977	Oil/Auto	620	820	220,000
3	Potter II GT		1/1977	Oil/Auto			
4				Gas/Auto			
5							
6							
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Note Reference:

\* Indicates reheal boilers thusly, 1050/1000.

## STEAM GENERATING STATIONS -- Continued

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name or lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

## Turbine-Generators\*

Year Installed	Type	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M.  (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor  (p)	Voltage K.v.++  (q)	Station Capacity Maximum Name Plate Rating*+ Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)						
				(h)	(i)	(j)	(k)				
1977	SC	620	3,600	TOTALS	78,000	Air 0.5#	Cooled 15.0#	0.9	13.8	20,700	1
1977	SC	3,600	78,000								2
											3
											4
											5
											6
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				37							

## Note references:

\*Report cross-compound turbine-generator units on two lines -- H.P. section and L.P. section.

+ Indicate tandem-compound (T.C.); cross-compound (C.C.); all single casing (S.C.); topping unit ( T ), and noncondensing (N.C.). Show back pressures.

\*\* Designate air cooled generators.

++ If other than 3 phase, 60 cycle, indicate other characteristics.

\*+ Should agree with column (m).



## HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.

2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1	*** NONE ***						
2							
3							
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31							
32							
33							

\* Horizontal or vertical. Also indicate type of runner -- Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

## HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kil- owatts (name plate ratings)	Line No.
Design Head	R.P.M.	Maximum hp. Capacity of Unit at Design Head	Year Installed	Voltage	Phase	Fre- quency or d.c.	Name Plate Rating of Unit in Kilowatts	Number of Units in Station		
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	
										1
										2
										3
										4
										5
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										12
										13
		*** NONE ***								14
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										31
										32
										38
TOTALS										39

**COMBUSTION ENGINE AND OTHER GENERATING STATIONS**  
**(except nuclear stations)**

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.

2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	Potter II	Potter Road	Diesel	Fairbank-Morse	1977	2	Direct
2							
3							
4							
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39							

**COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued**  
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings)	Line No.
Rated hp. of Unit  (h)	Total Rated hp. of Station Prime Movers  (i)	Year Installed  (j)	Voltage  (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
3,600	3,600	1977	4,160	3	60	2,665	1	2,665	1
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TOTALS									39

1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW\* and other stations of less than 500 KW\* installed capacity (name plate ratings). (\*10,000 KW and 2,500 KW, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.
2. Designate any plant leased from others, operated under a license from the Federal Power Commission,

## GENERATING STATION STATISTICS (Small Stations)

or operated as a joint facility, and give a concise statement of the facts in a footnote.

3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.

4. Specify if total plant capacity is reported in kva instead of kilowatts.

5. If peak demand for 60 minutes is not available, give that which is available, specifying period.
6. If any plant is equipped with combustions of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line No.	Name of Plant	Year Const.	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (50 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0 (l)
								Labor (h)	Fuel (i)	Other (j)		
1												
2												
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--- NOT APPLICABLE ---

TOTALS

## TRANSMISSION LINE STATISTICS

Report information concerning transmission line as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1	GROVE STREET	PLAIN STREET	115	PIPE CABLE	1.600		1	1000A1
2	SWIFTS BEACH	POTTER STA	115	PIPE CABLE	0.490		1	1000A1
3	POTTER STA	MIDDLE	115	PIPE CABLE	1.810		1	1000A1
4	SWIFTS BEACH	NSTAR	115	STEEL POLE	0.230		1	636A1
5	MIDDLE	LAKESIDE	115	PIPE CABLE	1.742		1	1000A1
6	LAKESIDE	PLAIN STREET	115	PIPE CABLE	3.540		1	1000A1
7	GROVE STREET	NSTAR	115	WOOD POLE	0.030		1	636A1
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50								
51	TOTALS				9.44		7	

\* where other than 60 cycle, 3 phase, so indicate.

## SUBSTATIONS

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	STATION 4 PLAIN STREET	DISTRIBUTION	115	13.8		90,000	2	0	NONE		
2	STATION 10 MIDDLE	DISTRIBUTION	115	13.8		90,000	2	1	NONE		
3	STATION 8 CHURCHILL	DISTRIBUTION	115	13.8		40,000	1	0	NONE		
4	STATION 7 S. SHORE PLAZ	DISTRIBUTION	13.8	480/277		18,250	12	2	NONE		
5											
6											
7											
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26											
TOTALS						238,250	17	3			

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give

name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

## OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	148.76		148.76
2	Added During Year	0.00		0.00
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	148.76	0.00	148.76
5	* Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power			
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

## ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	15,789	16,298	3,991	425,460
17	Additions during year:				
18	Purchased		205	0	0
19	Installed	227		47	6,830
20	Associated with utility plant acquired				
21	Total Additions	227	205	47	6,830
22	Reductions during year:				
23	Retirements	10	154	63	6,837
24	Associated with utility plant sold				
25	Total Reductions	10	154	63	6,837
26	Number at end of year	16,006	16,349	3,975	425,453
27	In stock		351	154	23,225
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		15,998	3,821	402,228
31	In company's use				
32	Number at end of year		16,349	3,975	425,453

\*



CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	UNDERGROUND DISTRIBUTION SYSTEM	44.5	92.77	13.8kv		
2						
3						
4						
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49						
TOTALS		44.50	0.00	92.77	0	0

\*indicate number of conductors per cable

**STREET LAMPS CONNECTED TO SYSTEM**

Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Braintree	4,294	207	0	1	0	126	0	3960	0
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49										
50										
51										
52	TOTALS	4294	207	0	1	0	126	0	3960	0

## RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenues predicted on the previous year's operations.

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		*****NO CHANGES*****		

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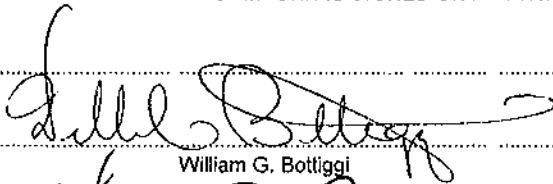
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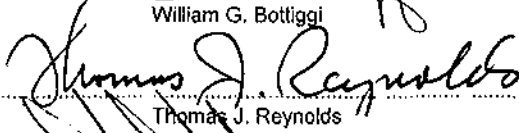
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## THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY



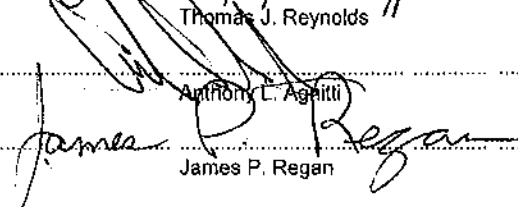
William G. Bottiggi

Mayor

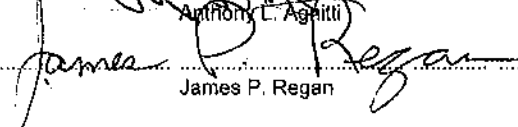


Thomas J. Reynolds

Manager of Electric Light



Anthony L. Agnelli

Selectmen  
or  
Members  
of the  
Municipal  
Light  
Board

James P. Regan

SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF  
MASSACHUSETTS MUST BE PROPERLY SWORN TO

SS

20

Then personally appeared

And severally made oath to the truth of the foregoing statement by them  
subscribed according to their best knowledge and belief.Notary Public or  
Justice of the Peace